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CENTRAL INTELLIGENCE AGENCY
WASHINGTON 25, D. C.

13 March 1953

The Honorable
The Secretary of Defense
Department of Defense
Washington 25, D. C.

Dear Mr. Secretary:

The Director of Central Intelligence has asked that you be furnished a copy of the attached report prepared by a panel of scientists on the subject of "Unidentified Flying Objects." This panel was convened at the direction of General Smith, following the recommendation of the Intelligence Advisory Committee.

The conclusions and recommendations may be of interest to you, in that they point out certain potential dangers to national security which are related to the subject and suggest ways of their elimination.

Although this Agency does not consider problems arising from sightings of "flying saucers" primarily its concern, we shall be pleased to assist in any appropriate action that you may deem advisable.

Federal Civil Div.
Copies of this report are also being sent to the Secretary of Defense and to the Chairman, National Security Resources Board.

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SECRETARY OF DEFENSE
OFFICE OF THE

Sincerely yours,

RICHARD D. DRAIN
Secretary
Intelligence Advisory Committee

Enclosure

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Approved for Release

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This material contains information affecting the national defense of the United States with the meaning of the espionage laws, Title 18, USC, Secs. 793 and 794, and transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

SecDef. Cont. No. 05-1410

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REPORT OF THE SCIENTIFIC PANEL
ON
UNIDENTIFIED FLYING OBJECTS

JAN 17 1953

1. Pursuant to the request of the Assistant Director for Scientific Intelligence, the undersigned Panel of Scientific Consultants has met to evaluate any possible threat to national security posed by Unidentified Flying Objects ("Flying Saucers"), and to make recommendations thereon. The Panel has received the evidence as presented by cognizant intelligence agencies, primarily the Air Technical Intelligence Center, and has reviewed a selection of the best documented incidents.

2. As a result of its considerations, the Panel concludes:

a. That the evidence presented on Unidentified Flying Objects shows no indication that these phenomena constitute a direct physical threat to national security.

We firmly believe that there is no residuum of cases which indicates phenomena which are attributable to foreign artifacts capable of hostile acts, and that there is no evidence that the phenomena indicate a need for the revision of current scientific concepts.

3. The Panel further concludes:

a. That the continued emphasis on the reporting of these phenomena does, in these parlous times, result in a threat to the orderly functioning of the protective organs of the body politic.

We cite as examples the clogging of channels of communication by irrelevant reports, the danger of being led by continued false alarms to ignore real

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indications of hostile action, and the cultivation of a morbid national psychology in which skillful hostile propaganda could induce hysterical behavior and harmful distrust of duly constituted authority.

4. In order most effectively to strengthen the national facilities for the timely recognition and the appropriate handling of true indications of hostile action, and to minimize the concomitant dangers alluded to above, the Panel recommends:

a. That the national security agencies take immediate steps to strip the Unidentified Flying Objects of the special status they have been given and the aura of mystery they have unfortunately acquired;

b. That the national security agencies institute policies on intelligence, training, and public education designed to prepare the material defenses and the morale of the country to recognize most promptly and to react most effectively to true indications of hostile intent or action.

We suggest that these aims may be achieved by an integrated program designed to reassure the public of the total lack of evidence of inimical forces behind the phenomena, to train personnel to recognize and reject false indications quickly and effectively, and to strengthen regular channels for the evaluation of and prompt reaction to true indications of hostile measures.

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|---|---|
| <u>/s/ H. P. Robertson</u> , Chairman California Institute of Technology | <u>/s/ Lloyd V. Berkner</u> Associated Universities, Inc. |
| <u>/s/ Luis W. Alvarez</u> University of California | <u>/s/ S. A. Goudsmit</u> Brookhaven National Laboratories |
| | <u>/s/ Thornton Page</u> Johns Hopkins University |

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SCIENTIFIC ADVISORY PANEL ON
UNIDENTIFIED FLYING OBJECTS

14 - 17 January 1953

EVIDENCE PRESENTED

1. Seventy-five case histories of sightings 1951 - 1952 (selected by ATIC as those best documented).
2. ATIC Status and Progress Reports of Project GRUDGE and Project BLUE BOOK (code names for ATIC study of subject).
3. Progress Reports of Project STORK (code name for Battelle Memorial Institute contract work supporting ATIC).
4. Summary Report of Sightings at Holloman Air Force Base, New Mexico.
5. Report of USAF Research Center, Cambridge, Mass., Investigation of "Green Fireball" Phenomena (Project TWINKLE).
6. Outline of Investigation of U.F.O.'s Proposed by Kirtland Air Force Base (Project POUNCE).
7. Motion Picture Films of sightings at Tremonton, Utah, 2 July 1952 and Great Falls, Montana, August 1950.
8. Summary Report of 89 selected cases of sightings of various categories (Formations, Blinking Lights, Hovering, etc.).
9. Draft of manual: "How to Make a FLYOVERPT", prepared at ATIC.
10. Chart Showing Plot of Geographic Location of Unexplained Sightings in the United States during 1952.
11. Chart Showing Balloon Launching Sites in the United States.
12. Charts Showing Selected Actual Balloon Flight Paths and Relation to Reported Sightings.
13. Charts Showing Frequency of Reports of Sightings, 1948 - 1952.
14. Charts Showing Categories of Explanations of Sightings.
15. Kodachrome Transparencies of Polyethylene Film Balloons in Bright Sunlight Showing High Reflectivity.

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TAB B

16. Motion picture of seagulls in bright sunlight showing high reflectivity.
17. Intelligence Reports Relating to U.S.S.R. Interest in U. S. Sightings.
18. Samples of Official USAF Reporting Forms and Copies of Pertinent Air Force, Army and Navy Orders Relating to Subject.
19. Sample Polyethylene "Pillow" Balloon (54 inches square).
20. "Variations in Radar Coverage", JANP 101 (Manual illustrating unusual operating characteristics of Service radar).
21. Miscellaneous official letters and foreign intelligence reports dealing with subject.
22. Copies of popular published works dealing with subject (articles in periodicals, newspaper clippings and books).

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TAB C

SCIENTIFIC ADVISORY PANEL ON
UNIDENTIFIED FLYING OBJECTS

14 - 17 January 1953

| <u>MEMBERS</u> | <u>ORGANIZATION</u> | <u>FIELD OF COMPETENCY</u> |
|------------------------------|---|--|
| Dr. H. P. Roberts (Chairman) | California Institute of Technology | Physics, weapons systems |
| Dr. Luis W. Alvarez | University of California | Physics, radar |
| Dr. Lloyd V. Berkner | Associated Universities, Inc. | Geophysics |
| Dr. Samuel Goudsmit | Brookhaven National Laboratories | Atomic structure, statistical problems |
| Dr. Thornton Page | Office of Research Operations, Johns Hopkins University | Astronomy, Astrophysics |

ASSOCIATE MEMBERS

| | | |
|-------------------------|------------------------|--------------------------|
| Dr. J. Allen Hynek | Ohio State University | Astronomy |
| Mr. Frederick C. Durant | Arthur D. Little, Inc. | Rockets, guided missiles |

INTERVIEWEES

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|-------------------------------|--------------------------------------|---------------------------------------|
| Brig. Gen. William M. Garland | Commanding General, ATIC | Scientific and technical intelligence |
| Dr. H. Marshall Chadwell | Assistant Director, O/SI, CIA | Scientific and technical intelligence |
| Mr. Ralph L. Clark | Deputy Assistant Director, O/SI, CIA | Scientific and technical intelligence |

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| <u>INTERVIEWEES (con't)</u> | <u>ORGANIZATION</u> | <u>FIELD OF COMPETENCY</u> |
|-------------------------------|--|---------------------------------------|
| Mr. Philip G. Strong | Chief, Operations Staff, O/SI, CIA | Scientific and technical intelligence |
| Mr. Stephan T. Poasony | Acting Chief, Special Study Group, D/I USAF | Scientific and technical intelligence |
| Capt. Edward J. Ruppelt, USAF | Chief, Aerial Phenomena Branch, ATIC, USAF | Scientific and technical intelligence |
| Mr. J. Dewey Fournet, Jr. | The Ethyl Corporation | Aero Eng. |
| Lt. R. S. Heasham, USN | USN Photo Interpretation Laboratory, Anacostia | Photo interpretation |
| Mr. Harry Wee | USN Photo Interpretation Laboratory, Anacostia | Photo interpretation |